

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 7,003,024
Issue Date : February 21, 2006
Applicant : E. Kubo et al
Appl. No. : 09/996,893
Filed : November 30, 2001
Title : SEMICONDUCTOR DEVICE
Docket No.: TAM-101
Customer No.: 24956

Commissioner for Patents
Office of Patent Publications
ATTN: Certificate of Correction Branch
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION
APPLICANTS' MISTAKE (37 CFR §1.323)

Sir:

Enclosed is a completed Certificate of Correction form. Please issue a Certificate of Correction for the underscored material.

Pursuant to MPEP §1481, it is submitted that the mistake is either:

- (1) of a clerical nature,
- (2) of a typographical nature, or
- (3) a mistake of minor character.

Furthermore, it is submitted that the correction does not involve changes which would:

- (1) constitute new matter, or
- (2) require reexamination.

Since the Certificate of Correction is necessitated by a mistake on the part of the Applicants, in accordance with 37 CFR §1.20(a) our payment in the amount of \$100.00 is attached in payment of the appropriate fee. The Commissioner is hereby authorized to charge additional payment due or to credit any overpayment, to Deposit Account No. 50-1417 (TAM-101).

Respectfully submitted,

Mattingly & Malur, P.C.

/John R. Mattingly/

John R. Mattingly
Registration No. 30,293
(703) 684-1120

Date: February 24, 2010



TAM-101
JM

APRIL 16, 2002

PTAS

MATTINGLY, STANGER & MALUR, P.C.
JOHN R. MATTINGLY
1800 DIAGONAL RD.
SUITE 370
ALEXANDRIA, VA 22314

Chief Information Officer
Washington, DC 20231
www.uspto.gov



101991153A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/15/2002

REEL/FRAME: 012587/0288
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
KUBO, EIJI

DOC DATE: 12/17/2001

ASSIGNOR:
NAKAGAWA, TETSUYA

DOC DATE: 12/18/2001

ASSIGNOR:
AIDA, KOSAKU

DOC DATE: 12/17/2001

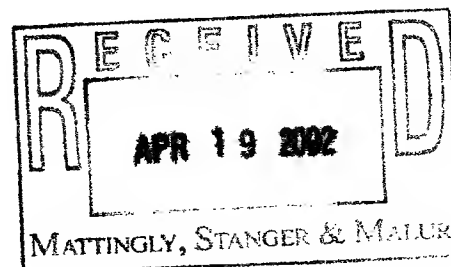
ASSIGNOR:
KASAI, NOBUYA

DOC DATE: 12/17/2001

ASSIGNOR:
WALTON, MARK

DOC DATE: 01/24/2002

ASSIGNEE:
HITACHI, LTD.
6, KANDA SURUGADAI 4-CHOME,
CHIYODA-KU
TOKYO, JAPAN



012587/0288 PAGE 2

SERIAL NUMBER: 09996893
PATENT NUMBER:

FILING DATE: 11/30/2001
ISSUE DATE:

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 05, 2004

PTAS

JOHN R. MATTINGLY, ESQ.
1800 DIAGONAL RD.
SUITE 370
ALEXANDRIA, VA 22314



102578987A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/15/2003

REEL/FRAME: 014569/0186
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
HITACHI, LTD.

DOC DATE: 09/12/2003

ASSIGNEE:
RENESAS TECHNOLOGY CORPORATION
4-1, MARUNOUCHI 2-CHOME, CHIYODA-
KU
TOKYO, JAPAN

SERIAL NUMBER: 08184070
PATENT NUMBER: RE38379

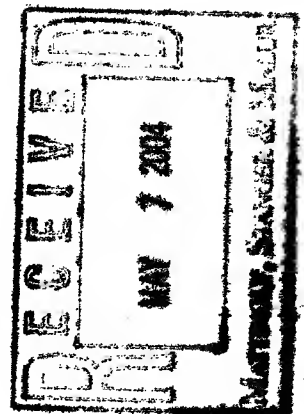
FILING DATE: 01/21/1994
ISSUE DATE: 01/06/2004

SERIAL NUMBER: 09240975
PATENT NUMBER:

FILING DATE: 01/29/1999
ISSUE DATE:

SERIAL NUMBER: 09308488
PATENT NUMBER: 6715090

FILING DATE: 05/20/1999
ISSUE DATE: 03/30/2004



SERIAL NUMBER: 09340140
PATENT NUMBER: 6629191

FILING DATE: 06/28/1999
ISSUE DATE: 09/30/2003

SERIAL NUMBER: 09389582
PATENT NUMBER: 6326838

FILING DATE: 09/03/1999
ISSUE DATE: 12/04/2001

SERIAL NUMBER: 09495955
PATENT NUMBER: 6643725

FILING DATE: 02/02/2000
ISSUE DATE: 11/04/2003

SERIAL NUMBER: 09503358
PATENT NUMBER:

FILING DATE: 02/14/2000
ISSUE DATE:

SERIAL NUMBER: 09530878
PATENT NUMBER: 6708022

FILING DATE: 05/08/2000
ISSUE DATE: 03/16/2004

SERIAL NUMBER: 09541613
PATENT NUMBER:

FILING DATE: 04/03/2000
ISSUE DATE:

SERIAL NUMBER: 09554003
PATENT NUMBER: 6631349

FILING DATE: 05/09/2000
ISSUE DATE: 10/07/2003

SERIAL NUMBER: 09559571
PATENT NUMBER:

FILING DATE: 04/28/2000
ISSUE DATE:

SERIAL NUMBER: 09562758
PATENT NUMBER: 6686226

FILING DATE: 05/02/2000
ISSUE DATE: 02/03/2004

SERIAL NUMBER: 09571938
PATENT NUMBER:

FILING DATE: 05/16/2000
ISSUE DATE:

SERIAL NUMBER: 09611976
PATENT NUMBER:

FILING DATE: 07/06/2000
ISSUE DATE:

SERIAL NUMBER: 09627008
PATENT NUMBER:

FILING DATE: 07/27/2000
ISSUE DATE:

SERIAL NUMBER: 09637570
PATENT NUMBER:

FILING DATE: 08/14/2000
ISSUE DATE:

SERIAL NUMBER: 09637574
PATENT NUMBER:

FILING DATE: 08/14/2000
ISSUE DATE:

SERIAL NUMBER: 09639753
PATENT NUMBER:

FILING DATE: 08/15/2000
ISSUE DATE:

SERIAL NUMBER: 09648764
PATENT NUMBER:

FILING DATE: 08/28/2000
ISSUE DATE:

SERIAL NUMBER: 09650076
PATENT NUMBER: 6569764

FILING DATE: 08/29/2000
ISSUE DATE: 05/27/2003

SERIAL NUMBER: 09659735
PATENT NUMBER:

FILING DATE: 09/11/2000
ISSUE DATE:

SERIAL NUMBER: 09719835	FILING DATE: 12/18/2000
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09739758	FILING DATE: 12/20/2000
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09754193	FILING DATE: 01/05/2001
PATENT NUMBER: 6663468	ISSUE DATE: 12/16/2003
SERIAL NUMBER: 09779610	FILING DATE: 02/09/2001
PATENT NUMBER: 6459644	ISSUE DATE: 10/01/2002
SERIAL NUMBER: 09782303	FILING DATE: 02/14/2001
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09785499	FILING DATE: 02/20/2001
PATENT NUMBER: 6665159	ISSUE DATE: 12/16/2003
SERIAL NUMBER: 09788363	FILING DATE: 02/21/2001
PATENT NUMBER: 6714772	ISSUE DATE: 03/30/2004
SERIAL NUMBER: 09810194	FILING DATE: 03/19/2001
PATENT NUMBER: 6653052	ISSUE DATE: 11/25/2003
SERIAL NUMBER: 09811467	FILING DATE: 03/20/2001
PATENT NUMBER: 6727114	ISSUE DATE: 04/27/2004
SERIAL NUMBER: 09825921	FILING DATE: 04/05/2001
PATENT NUMBER: 6661048	ISSUE DATE: 12/09/2003
SERIAL NUMBER: 09864304	FILING DATE: 05/25/2001
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09869045	FILING DATE: 06/22/2001
PATENT NUMBER: 6656828	ISSUE DATE: 12/02/2003
SERIAL NUMBER: 09869274	FILING DATE: 06/26/2001
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09873242	FILING DATE: 06/05/2001
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09875161	FILING DATE: 06/07/2001
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09883318	FILING DATE: 06/19/2001
PATENT NUMBER: 6600181	ISSUE DATE: 07/29/2003
SERIAL NUMBER: 09890703	FILING DATE: 10/02/2001
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09910833	FILING DATE: 07/24/2001
PATENT NUMBER:	ISSUE DATE:

SERIAL NUMBER: 09922656
PATENT NUMBER:

FILING DATE: 08/07/2001
ISSUE DATE:

SERIAL NUMBER: 09946440
PATENT NUMBER:

FILING DATE: 09/06/2001
ISSUE DATE:

SERIAL NUMBER: 09961250
PATENT NUMBER: 6731167

FILING DATE: 09/25/2001
ISSUE DATE: 05/04/2004

SERIAL NUMBER: 09964474
PATENT NUMBER:

FILING DATE: 09/28/2001
ISSUE DATE:

SERIAL NUMBER: 09964483
PATENT NUMBER:

FILING DATE: 09/28/2001
ISSUE DATE:

SERIAL NUMBER: 09973734
PATENT NUMBER: 6668266

FILING DATE: 10/11/2001
ISSUE DATE: 12/23/2003

SERIAL NUMBER: 09978708
PATENT NUMBER: 6661081

FILING DATE: 10/18/2001
ISSUE DATE: 12/09/2003

SERIAL NUMBER: 09984994
PATENT NUMBER:

FILING DATE: 11/01/2001
ISSUE DATE:

SERIAL NUMBER: 09987533
PATENT NUMBER: 6587901

FILING DATE: 11/15/2001
ISSUE DATE: 07/01/2003

SERIAL NUMBER: 09996893
PATENT NUMBER:

FILING DATE: 11/30/2001
ISSUE DATE:

SERIAL NUMBER: 09996894
PATENT NUMBER: 6665858

FILING DATE: 11/30/2001
ISSUE DATE: 12/16/2003

SERIAL NUMBER: 10006243
PATENT NUMBER: 6708319

FILING DATE: 12/10/2001
ISSUE DATE: 03/16/2004

SERIAL NUMBER: 10018802
PATENT NUMBER: 6637664

FILING DATE: 12/21/2001
ISSUE DATE: 10/28/2003

SERIAL NUMBER: 10021173
PATENT NUMBER:

FILING DATE: 12/19/2001
ISSUE DATE:

SERIAL NUMBER: 10022533
PATENT NUMBER:

FILING DATE: 12/20/2001
ISSUE DATE:

SERIAL NUMBER: 10026613
PATENT NUMBER:

FILING DATE: 12/27/2001
ISSUE DATE:

SERIAL NUMBER: 10026973
PATENT NUMBER:

FILING DATE: 12/27/2001
ISSUE DATE:

SERIAL NUMBER: 10041579
PATENT NUMBER:

FILING DATE: 01/10/2002
ISSUE DATE:



SERIAL NUMBER: 10042160
PATENT NUMBER:

FILING DATE: 01/11/2002
ISSUE DATE:

SERIAL NUMBER: 10046258
PATENT NUMBER: 6621160

FILING DATE: 01/16/2002
ISSUE DATE: 09/16/2003

SERIAL NUMBER: 10046446
PATENT NUMBER:

FILING DATE: 01/16/2002
ISSUE DATE:

SERIAL NUMBER: 10046980
PATENT NUMBER:

FILING DATE: 01/17/2002
ISSUE DATE:

SERIAL NUMBER: 10046983
PATENT NUMBER: 6675183

FILING DATE: 01/17/2002
ISSUE DATE: 01/06/2004

SERIAL NUMBER: 10050950
PATENT NUMBER: 6611012

FILING DATE: 01/22/2002
ISSUE DATE: 08/26/2003

SERIAL NUMBER: 10050951
PATENT NUMBER: 6630731

FILING DATE: 01/22/2002
ISSUE DATE: 10/07/2003

SERIAL NUMBER: 10062451
PATENT NUMBER:

FILING DATE: 02/05/2002
ISSUE DATE:

SERIAL NUMBER: 10062529
PATENT NUMBER:

FILING DATE: 02/05/2002
ISSUE DATE:

H-95-02

SERIAL NUMBER: 10072880
PATENT NUMBER: 6703171

FILING DATE: 02/12/2002
ISSUE DATE: 03/09/2004

SERIAL NUMBER: 10084435
PATENT NUMBER:

FILING DATE: 02/28/2002
ISSUE DATE:

SERIAL NUMBER: 10086718
PATENT NUMBER: 6731101

FILING DATE: 03/04/2002
ISSUE DATE: 05/04/2004

SERIAL NUMBER: 10094157
PATENT NUMBER:

FILING DATE: 10/17/2002
ISSUE DATE:

SERIAL NUMBER: 10096599
PATENT NUMBER: 6733953

FILING DATE: 03/14/2002
ISSUE DATE: 05/11/2004

SERIAL NUMBER: 10101063
PATENT NUMBER: 6708249

FILING DATE: 03/20/2002
ISSUE DATE: 03/16/2004

SERIAL NUMBER: 10120505
PATENT NUMBER: 6696711

FILING DATE: 04/12/2002
ISSUE DATE: 02/24/2004

SERIAL NUMBER: 10132239
PATENT NUMBER:

FILING DATE: 04/26/2002
ISSUE DATE:

SERIAL NUMBER: 10133498
PATENT NUMBER: 6639257

FILING DATE: 04/29/2002
ISSUE DATE: 10/28/2003

SERIAL NUMBER: 10140043	FILING DATE: 05/08/2002
PATENT NUMBER: 6727723	ISSUE DATE: 04/27/2004
SERIAL NUMBER: 10175308	FILING DATE: 06/20/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10179214	FILING DATE: 06/26/2002
PATENT NUMBER: 6657245	ISSUE DATE: 12/02/2003
SERIAL NUMBER: 10179218	FILING DATE: 06/26/2002
PATENT NUMBER: 6617630	ISSUE DATE: 09/09/2003
SERIAL NUMBER: 10180535	FILING DATE: 06/27/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10186891	FILING DATE: 07/02/2002
PATENT NUMBER: 6715025	ISSUE DATE: 03/30/2004
SERIAL NUMBER: 10187288	FILING DATE: 07/02/2002
PATENT NUMBER: 6605842	ISSUE DATE: 08/12/2003
SERIAL NUMBER: 10211297	FILING DATE: 08/05/2002
PATENT NUMBER: 6643720	ISSUE DATE: 11/04/2003
SERIAL NUMBER: 10212209	FILING DATE: 08/06/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10214126	FILING DATE: 08/08/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10214369	FILING DATE: 08/08/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10232722	FILING DATE: 09/03/2002
PATENT NUMBER: 6664854	ISSUE DATE: 12/16/2003
SERIAL NUMBER: 10243756	FILING DATE: 09/16/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10243869	FILING DATE: 09/16/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10259396	FILING DATE: 09/30/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10262934	FILING DATE: 10/03/2002
PATENT NUMBER: 6687302	ISSUE DATE: 02/03/2004
SERIAL NUMBER: 10262936	FILING DATE: 10/03/2002
PATENT NUMBER: 6711210	ISSUE DATE: 03/23/2004
SERIAL NUMBER: 10263705	FILING DATE: 10/04/2002
PATENT NUMBER:	ISSUE DATE:

SERIAL NUMBER: 10265324	FILING DATE: 10/07/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10266773	FILING DATE: 10/09/2002
PATENT NUMBER: 6696864	ISSUE DATE: 02/24/2004
SERIAL NUMBER: 10268697	FILING DATE: 10/11/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10268699	FILING DATE: 10/11/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10268700	FILING DATE: 10/11/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10268709	FILING DATE: 10/11/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10282044	FILING DATE: 10/29/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10283280	FILING DATE: 10/30/2002
PATENT NUMBER: 6696865	ISSUE DATE: 02/24/2004
SERIAL NUMBER: 10289331	FILING DATE: 11/07/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10289342	FILING DATE: 11/07/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10294597	FILING DATE: 11/15/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10297811	FILING DATE: 12/10/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10298546	FILING DATE: 11/19/2002
PATENT NUMBER: 6701510	ISSUE DATE: 03/02/2004
SERIAL NUMBER: 10300747	FILING DATE: 11/21/2002
PATENT NUMBER: 6683353	ISSUE DATE: 01/27/2004
SERIAL NUMBER: 10300763	FILING DATE: 11/21/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10303024	FILING DATE: 11/25/2002
PATENT NUMBER: 6703667	ISSUE DATE: 03/09/2004
SERIAL NUMBER: 10320531	FILING DATE: 12/17/2002
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10322432	FILING DATE: 12/19/2002
PATENT NUMBER:	ISSUE DATE:

SERIAL NUMBER: 10323811
PATENT NUMBER: 6646934

FILING DATE: 12/20/2002
ISSUE DATE: 11/11/2003

SERIAL NUMBER: 10323818
PATENT NUMBER:

FILING DATE: 12/20/2002
ISSUE DATE:

SERIAL NUMBER: 10323819
PATENT NUMBER:

FILING DATE: 12/20/2002
ISSUE DATE:

SERIAL NUMBER: 10329350
PATENT NUMBER:

FILING DATE: 12/27/2002
ISSUE DATE:

SERIAL NUMBER: 10337819
PATENT NUMBER:

FILING DATE: 01/08/2003
ISSUE DATE:

SERIAL NUMBER: 10347476
PATENT NUMBER:

FILING DATE: 01/21/2003
ISSUE DATE:

SERIAL NUMBER: 10351320
PATENT NUMBER:

FILING DATE: 01/27/2003
ISSUE DATE:

SERIAL NUMBER: 10353910
PATENT NUMBER:

FILING DATE: 01/30/2003
ISSUE DATE:

SERIAL NUMBER: 10364318
PATENT NUMBER:

FILING DATE: 02/12/2003
ISSUE DATE:

SERIAL NUMBER: 10638475
PATENT NUMBER:

FILING DATE: 08/12/2003
ISSUE DATE:

SERIAL NUMBER: 10368615
PATENT NUMBER:

FILING DATE: 02/20/2003
ISSUE DATE:

SERIAL NUMBER: 10369764
PATENT NUMBER:

FILING DATE: 02/21/2003
ISSUE DATE:

SERIAL NUMBER: 10377785
PATENT NUMBER: 6674122

FILING DATE: 03/04/2003
ISSUE DATE: 01/06/2004

SERIAL NUMBER: 10385493
PATENT NUMBER:

FILING DATE: 03/12/2003
ISSUE DATE:

SERIAL NUMBER: 10386552
PATENT NUMBER:

FILING DATE: 03/13/2003
ISSUE DATE:

SERIAL NUMBER: 10394051
PATENT NUMBER:

FILING DATE: 03/24/2003
ISSUE DATE:

SERIAL NUMBER: 10400550
PATENT NUMBER:

FILING DATE: 03/28/2003
ISSUE DATE:

SERIAL NUMBER: 10402949
PATENT NUMBER:

FILING DATE: 04/01/2003
ISSUE DATE:

014569/0186 PAGE 9

SERIAL NUMBER: 10410172
PATENT NUMBER:

FILING DATE: 04/10/2003
ISSUE DATE:

SERIAL NUMBER: 10411130
PATENT NUMBER:

FILING DATE: 04/11/2003
ISSUE DATE:

SERIAL NUMBER: 10411237
PATENT NUMBER:

FILING DATE: 04/11/2003
ISSUE DATE:

SERIAL NUMBER: 10413143
PATENT NUMBER:

FILING DATE: 04/15/2003
ISSUE DATE:

SERIAL NUMBER: 10414149
PATENT NUMBER:

FILING DATE: 04/16/2003
ISSUE DATE:

SERIAL NUMBER: 10419944
PATENT NUMBER:

FILING DATE: 04/22/2003
ISSUE DATE:

SERIAL NUMBER: 10422942
PATENT NUMBER:

FILING DATE: 04/25/2003
ISSUE DATE:

SERIAL NUMBER: 10422953
PATENT NUMBER:

FILING DATE: 04/25/2003
ISSUE DATE:

SERIAL NUMBER: 10442156
PATENT NUMBER:

FILING DATE: 05/21/2003
ISSUE DATE:

SERIAL NUMBER: 10445919
PATENT NUMBER:

FILING DATE: 05/28/2003
ISSUE DATE:

SERIAL NUMBER: 10446797
PATENT NUMBER:

FILING DATE: 05/29/2003
ISSUE DATE:

SERIAL NUMBER: 10455458
PATENT NUMBER:

FILING DATE: 06/06/2003
ISSUE DATE:

SERIAL NUMBER: 10458271
PATENT NUMBER:

FILING DATE: 06/11/2003
ISSUE DATE:

SERIAL NUMBER: 10470549
PATENT NUMBER:

FILING DATE: 07/30/2003
ISSUE DATE:

SERIAL NUMBER: 10617687
PATENT NUMBER:

FILING DATE: 07/14/2003
ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS